NOVATION, INC.
18664 Oxnard Street
Tarzana, California 91356
(213) 996-5060

May 18, 1981

Reference: 7723/0581

Here is the information you requested on our:

MODEM MODULES

A new series of communications modules brings price and size advantages to your system. Features are:

1. Novation's exclusive LSI custom design for unique modem performance.

2. Any combination of modes including Bell 103, Bell 202, CCITT V.21, CCITT V.23, deaf communications, Viewdata and switchable speeds in a single package.

3. No FCC re-certification necessary when combined with phone line interface module.

4. Smallest modems available for simple system integration.

5. Available now.

Standard configurations are Bell 103, Bell 202, CCITT V.21, CCITT V.23, and phone line interface. Other configurations available include Viewdata 1200/75 and 1200/150, deaf communications modem, 1200/300 switchable speed and auto dial.

When used in configuration with the phone line interface, FCC certification is retained provided registration number is displayed on the external chassis of the system.

As you may know, Novation has distinguished itself as the leading manufacturer of low speed modems to serve the needs of personal communications. Our customers include Texas Instruments, Tandy, IBM, Digital Equipment and Nixdorf. Our advanced on-line system enhances our reputation of quality products and on time deliveries.

If you are now incorporating communications into your system, or plan to do so, send us your specifications and volume requirements. We will respond with a quotation that will represent a cost reduction with improved size/performance capabilities.

Evaluation samples are now available. Call in your order.

PART #	DESCRIPTION	PRICE 1-49
490278	PLI, FCC Certified	$ 99.00
490280-1	300 Baud 2/4W, Bell 103, ans/orig	99.00
490280-2	1200 Baud, 2/4W Bell 202	99.00
490280-3	Deaf+300 Baud, 2/4W ans/orig	115.00
490280-4	1200+300 Baud, Bell 202 and 103 ans/orig	150.00
490281-1	300 BAUD, 2/W, CCITT V.21	115.00
490281-2	1200 Baud, 2/W, CCITT V.23	115.00
490281-4	300+1200 Baud, 2/4W, CCITT V21+V23	150.00

Enclosed are applications diagrams for your information.

We look forward to serving your needs.

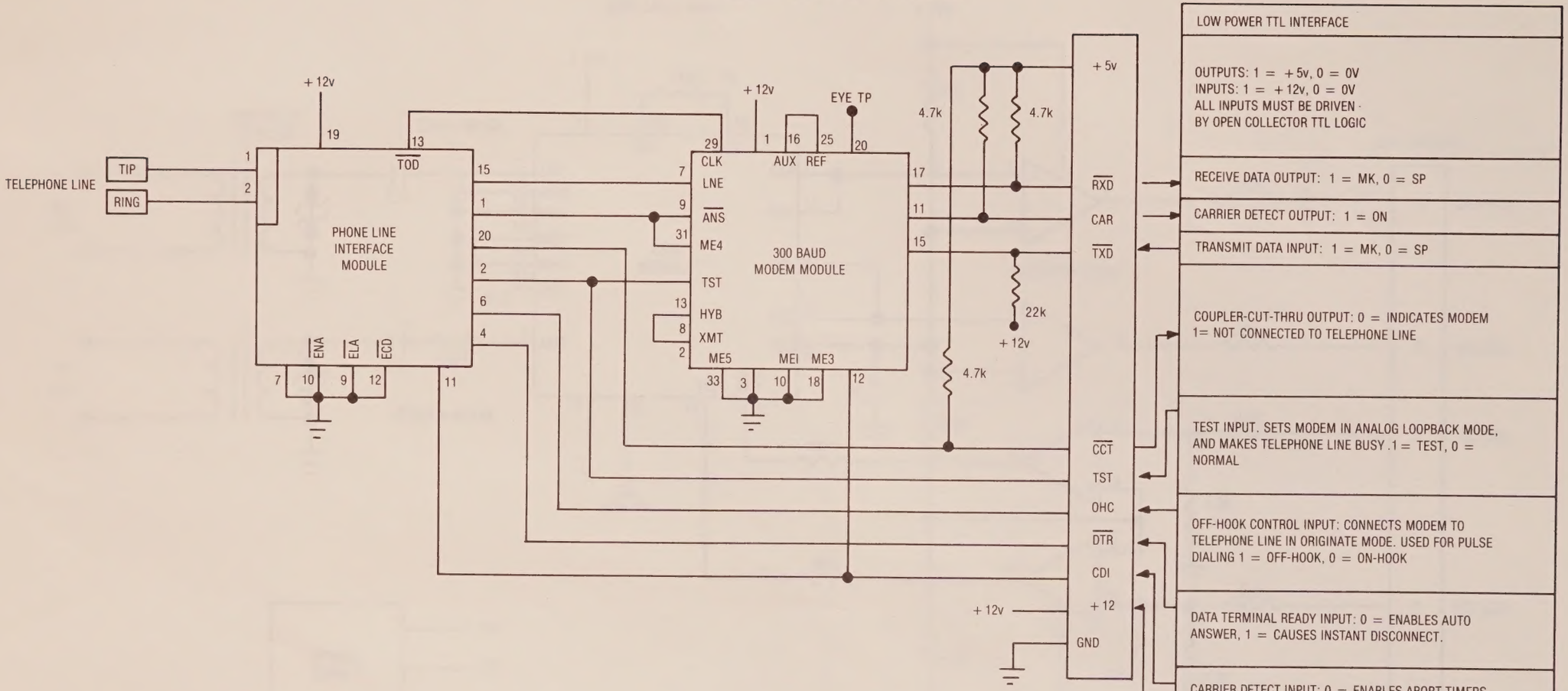
Very truly yours,

Agnes A Nagy

Agnes A. Nagy
V P Administration

RE.3.10

MODEM MODULE
DIRECT CONNECT MODEM WITH AUTOMATIC ANSWER/PULSE DIAL APPLICATION
BELL 103A COMPATIBLE



LOW POWER TTL INTERFACE

OUTPUTS: 1 = +5v, 0 = 0V
INPUTS: 1 = +12v, 0 = 0V
ALL INPUTS MUST BE DRIVEN BY OPEN COLLECTOR TTL LOGIC

RECEIVE DATA OUTPUT: 1 = MK, 0 = SP

CARRIER DETECT OUTPUT: 1 = ON

TRANSMIT DATA INPUT: 1 = MK, 0 = SP

COUPLER-CUT-THRU OUTPUT: 0 = INDICATES MODEM 1= NOT CONNECTED TO TELEPHONE LINE

TEST INPUT. SETS MODEM IN ANALOG LOOPBACK MODE, AND MAKES TELEPHONE LINE BUSY .1 = TEST, 0 = NORMAL

OFF-HOOK CONTROL INPUT: CONNECTS MODEM TO TELEPHONE LINE IN ORIGINATE MODE. USED FOR PULSE DIALING 1 = OFF-HOOK, 0 = ON-HOOK

DATA TERMINAL READY INPUT: 0 = ENABLES AUTO ANSWER, 1 = CAUSES INSTANT DISCONNECT.

CARRIER DETECT INPUT: 0 = ENABLES ABORT TIMERS. NORMALLY CONNECTED TO CAR OUTPUT THRU LEVEL CONVERTER. ABORT TIMER: 18 SEC
LOSS OF CAR DISC: .5 SEC

+12v DC INPUT, 40 MA MAX

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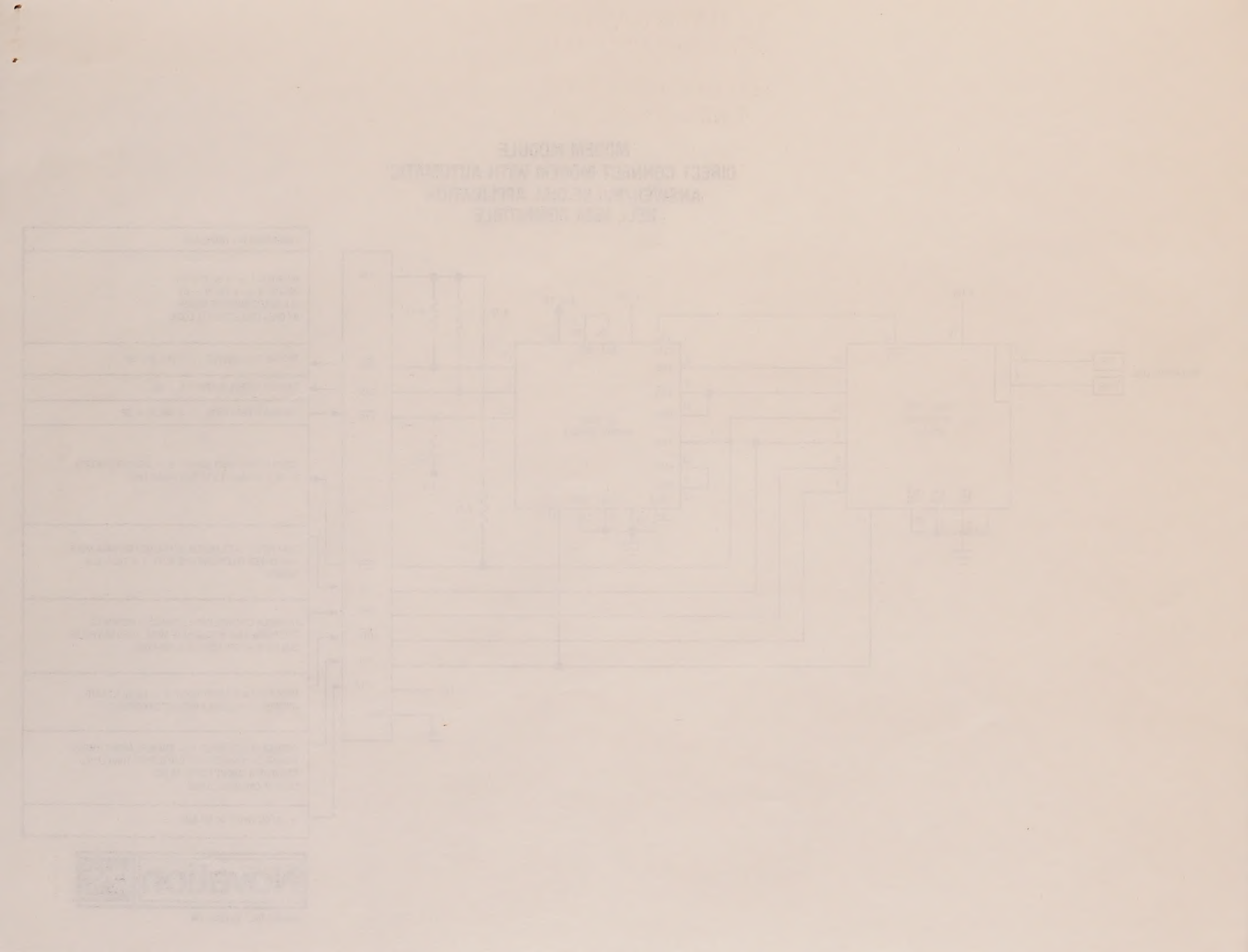
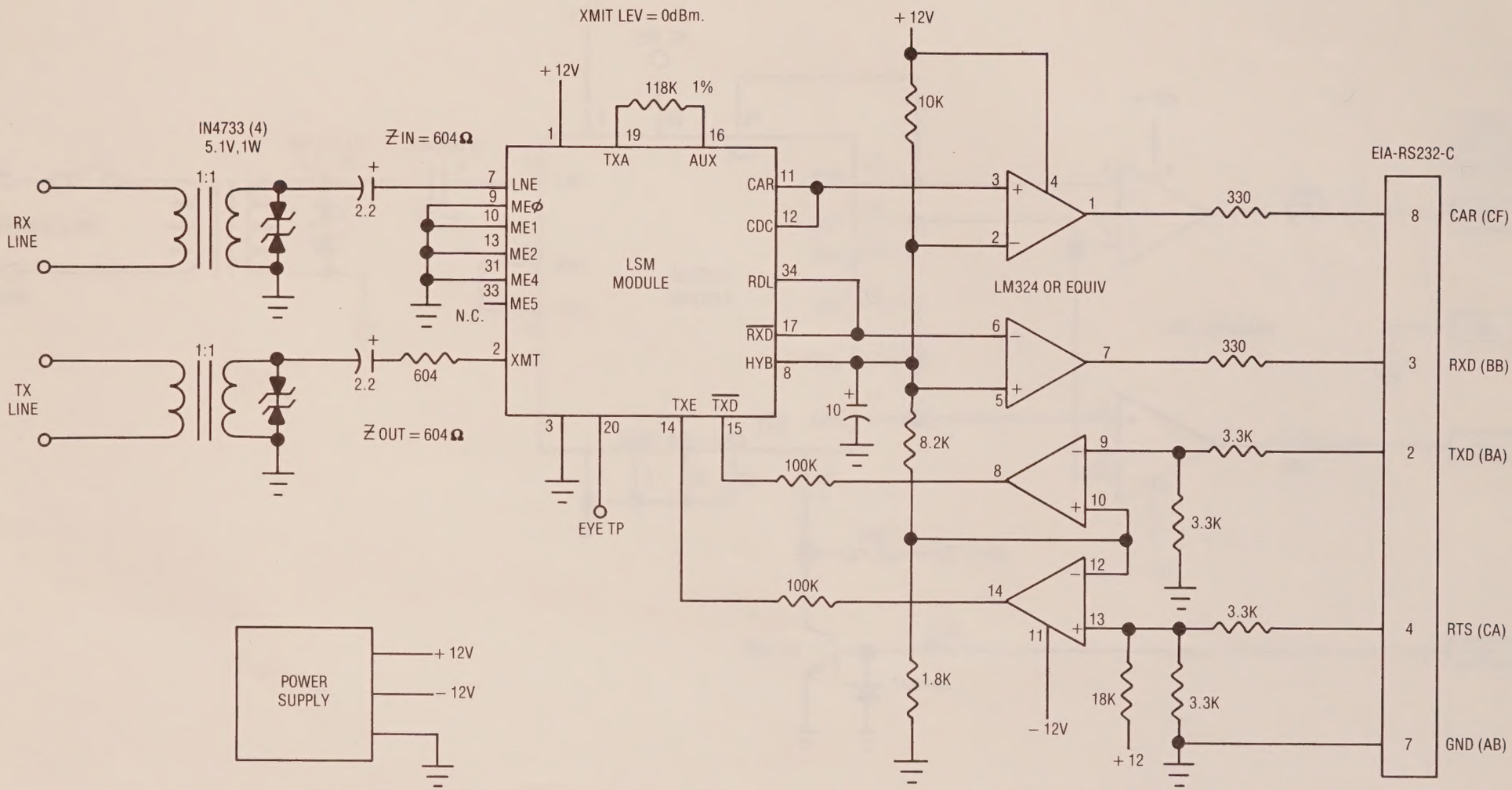


MODEM MODULE
LOW SPEED APPLICATION

1200 BAUD/FULL DUPLEX
4 WIRE LEASED LINE

BELL 202T COMPATIBLE



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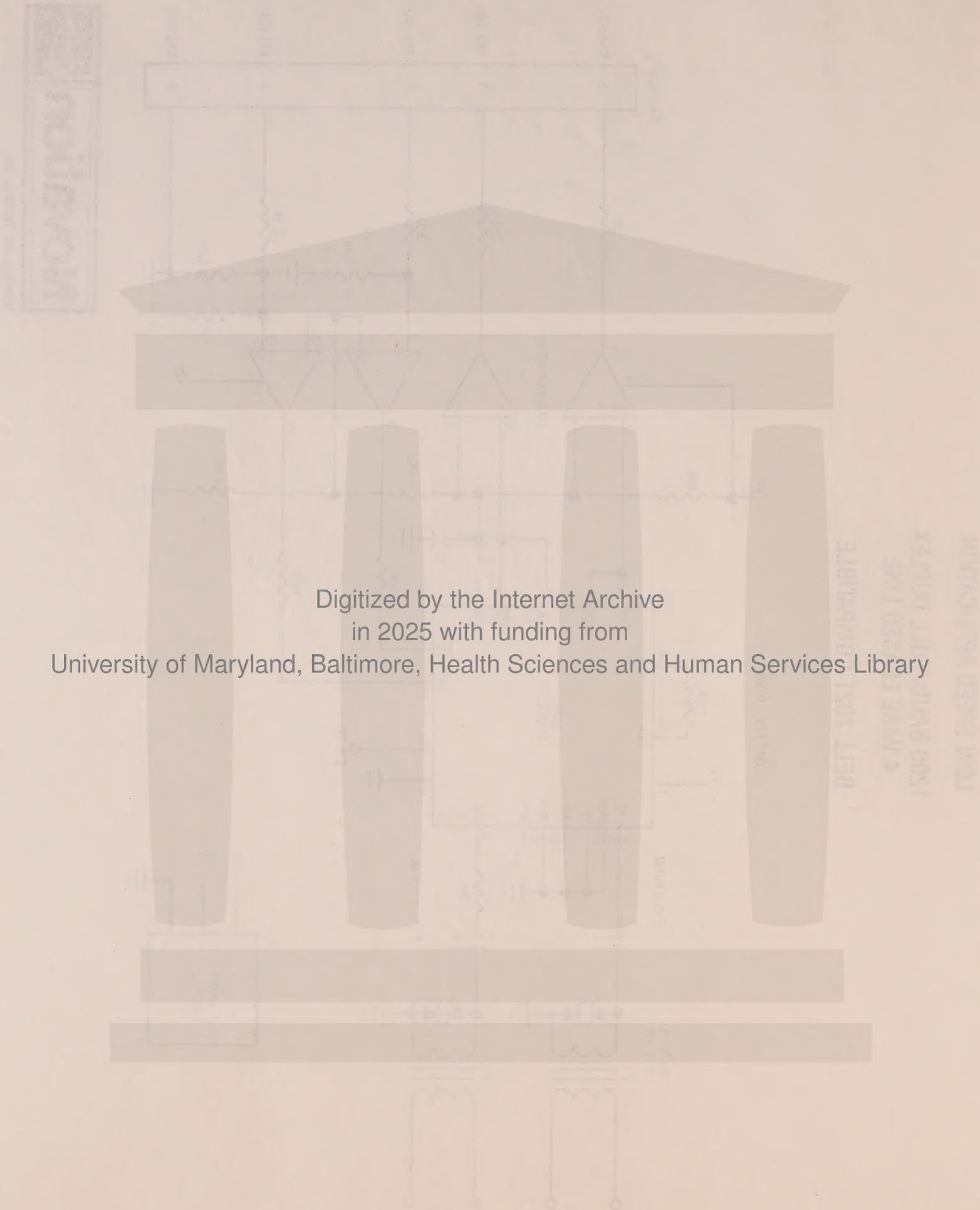

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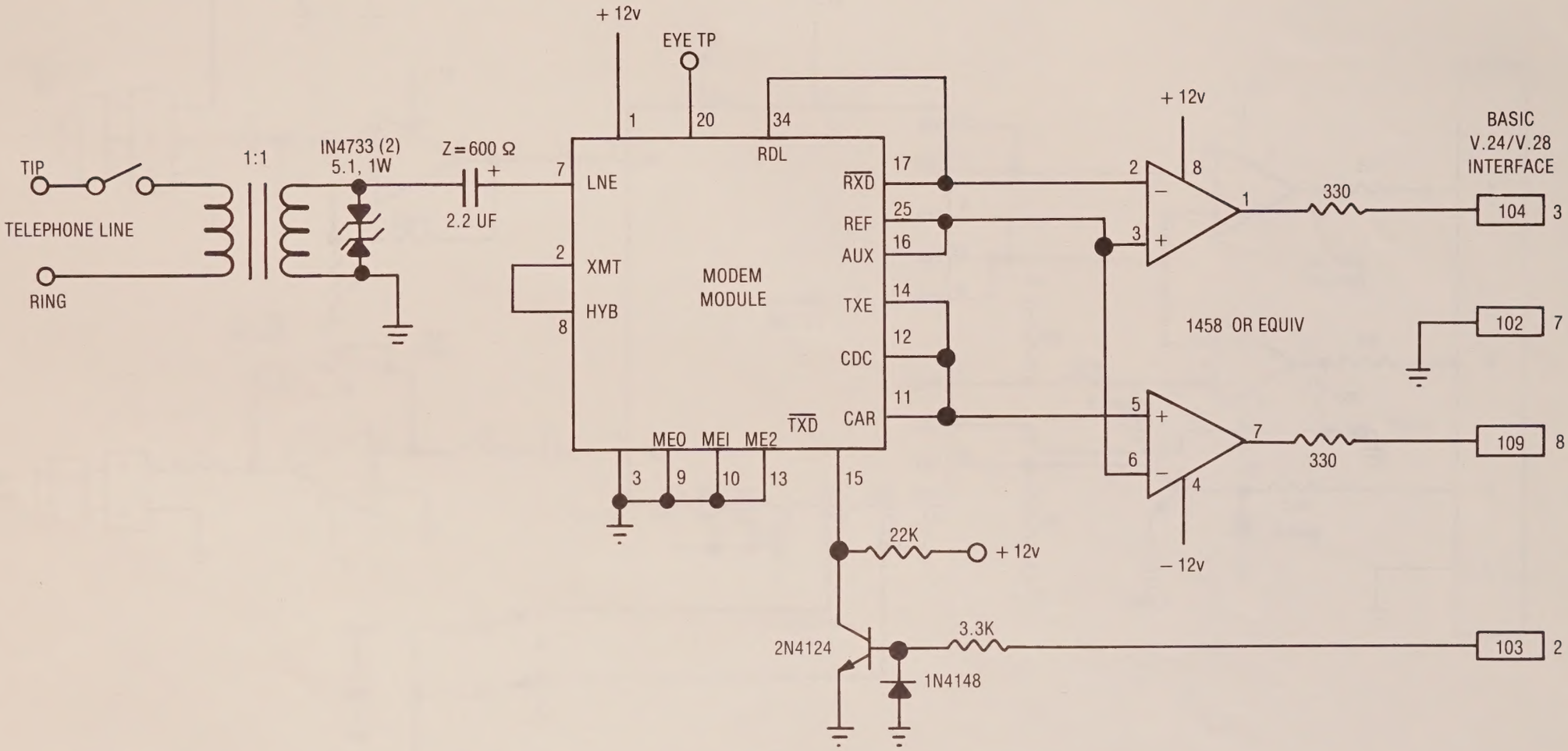
MODEM MODULE
VIEWDATA 1200/75 BAUD APPLICATION



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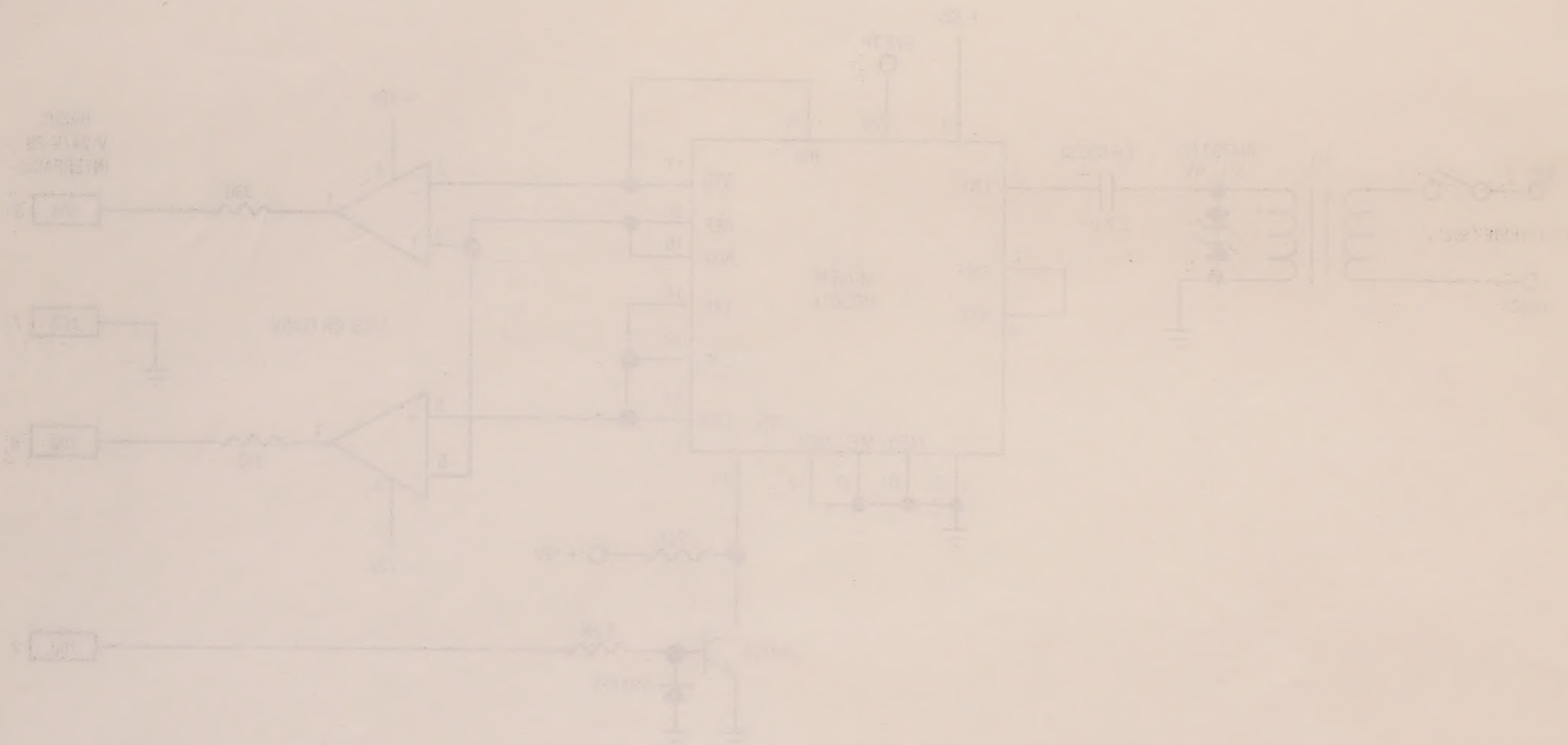
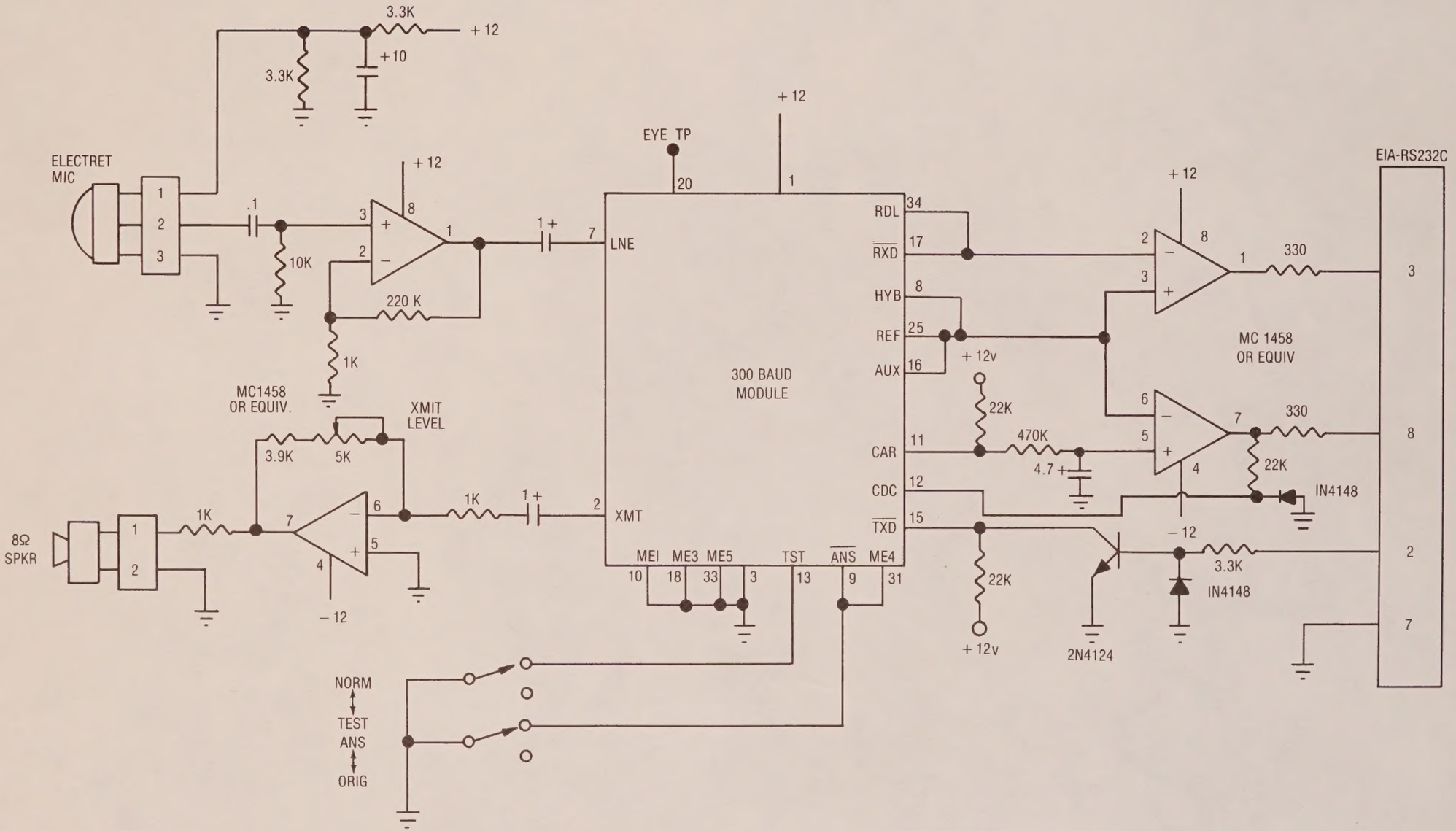


MODEM MODULE
ACOUSTIC MODEM APPLICATION
BELL 103A COMPATIBLE



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